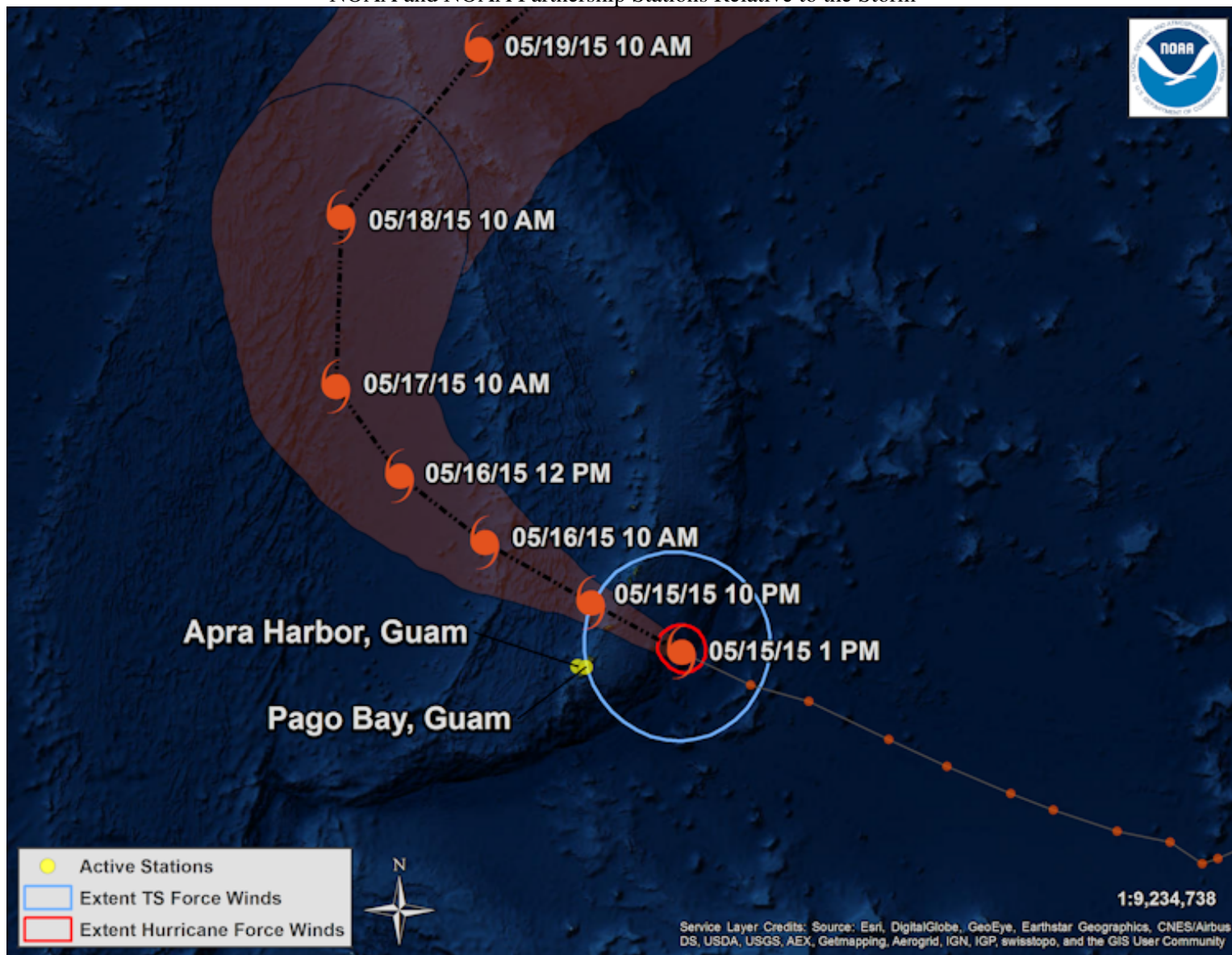




Typhoon DOLPHIN QuickLook
Posted: 14:00 ChST 05/15/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 5/15/15 14:00 ChST, water levels continue to rise above tidal levels along both the west and east coast of Guam. Water levels at Pago Bay range between 1.5 and 2.0 feet above tidal predictions. Water levels at Apra Harbor are presently about 0.75 feet above tidal predictions. The next high tide will be occurring between 17:00 and 18:00 ChST. Wind speeds are increasing and are measuring over 30 knots with gusts over 40 knots at Apra Harbor. Winds at Pago Bay measure between 5-10 knots with gusts up to 20 knots. Barometric pressure has begun to rapidly fall at

both locations.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL WEATHER SERVICE WFO GUAM ADVISORY INFORMATION:

BULLETIN

TYPHOON DOLPHIN (07W) ADVISORY NUMBER 34

NATIONAL WEATHER SERVICE TIYAN GU WP072015

100 PM CHST FRI MAY 15 2015

...TYPHOON DOLPHIN TRACKING TOWARD ROTA...

WATCHES AND WARNINGS

A TYPHOON WARNING REMAINS IN EFFECT FOR GUAM...ROTA...TINIAN AND SAIPAN. TYPHOON CONDITIONS...INCLUDING WINDS OF 74 MPH OR MORE...ARE EXPECTED THIS AFTERNOON AND EVENING.

DISCUSSION AND OUTLOOK

AT 1230 PM CHST...0230 UTC...THE CENTER OF TYPHOON DOLPHIN WAS LOCATED BY RADAR ABOUT 100 MILES EAST OF GUAM. DOLPHIN IS MOVING WEST-NORTHWEST AT 16 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH SATURDAY WITH A SLIGHT DECREASE IN FORWARD SPEED. DOLPHIN IS EXPECTED TO PASS THROUGH THE MARIANA ISLANDS NEAR OR JUST NORTH OF ROTA EARLY THIS EVENING. LATER ON...DOLPHIN IS EXPECTED TO RECURVE TO THE NORTH AND NORTHEAST SUNDAY AND MONDAY.

MAXIMUM SUSTAINED WINDS REMAIN AT 110 MPH. TYPHOON DOLPHIN HAS NOT INTENSIFIED OVER THE LAST DAY OR SO...BUT IT IS EXPECTED TO RESUME SLOW INTENSIFICATION LATER TONIGHT THROUGH SUNDAY.

TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 150 MILES IN THE NORTHERN SEMICIRCLE...AND UP TO 110 MILES ELSEWHERE.

NEXT ADVISORY

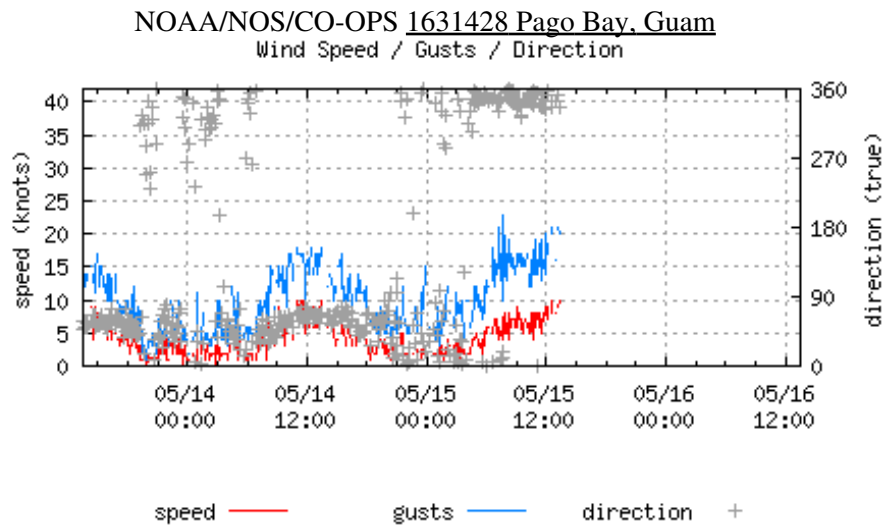
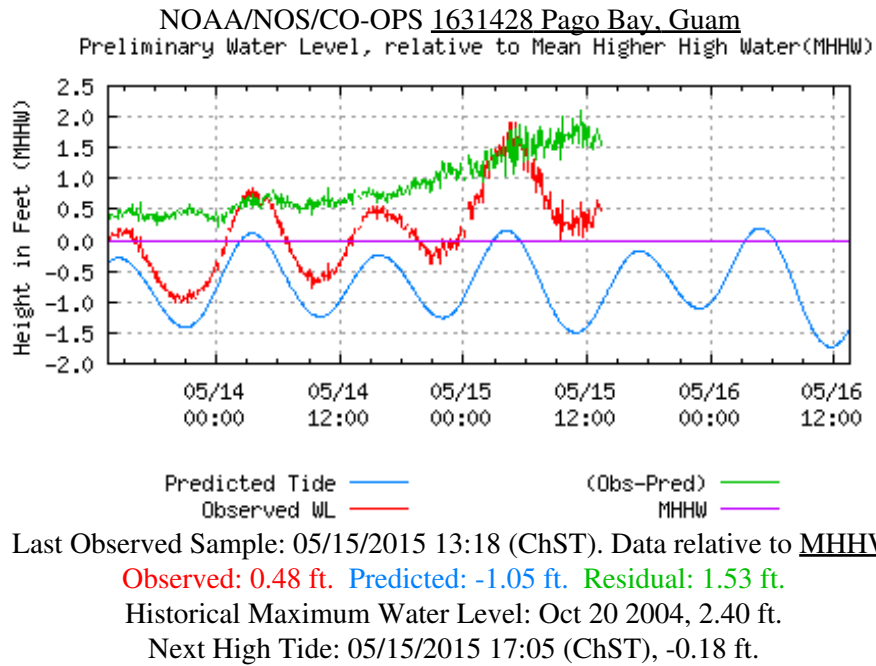
AN INTERMEDIATE ADVISORY WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 500 PM THIS AFTERNOON...FOLLOWED BY THE NEXT SCHEDULED ADVISORY AT 800 PM THIS EVENING.

MIDDLEBROOKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

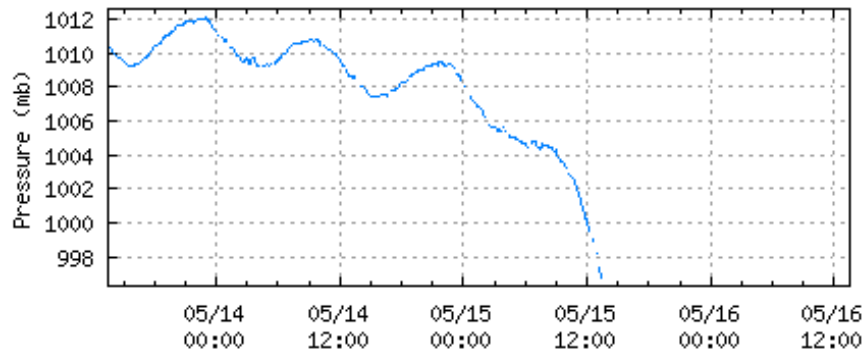
Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

Typhoon DOLPHIN QuickLook, POSTED 14:00 ChST 05/15/2015



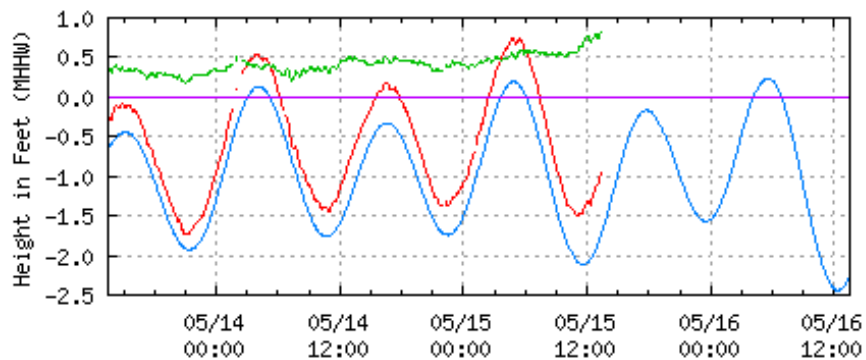
Last Observed Sample: 05/15/2015 13:18 (ChST)
Wind Speed: 10 knots Gusts: 20 knots Direction: 336° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/15/2015 13:18 (ChST)
Barometric Pressure: 996.8 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



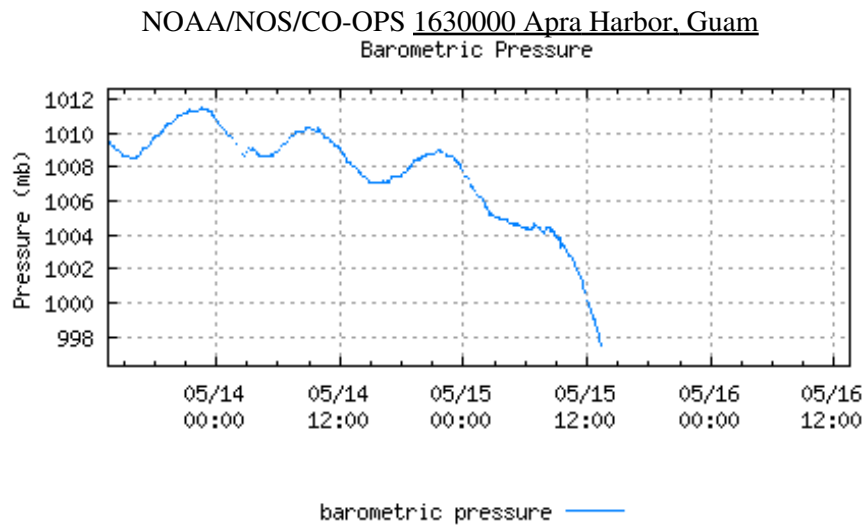
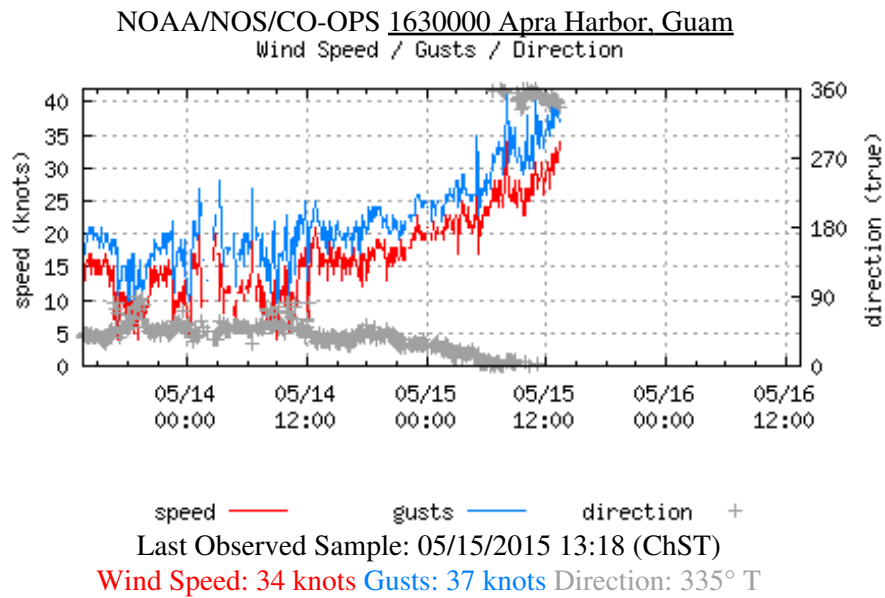
Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 05/15/2015 13:18 (ChST). Data relative to MHHW

Observed: -0.96 ft. Predicted: -1.77 ft. Residual: 0.81 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 05/15/2015 17:47 (ChST), -0.17 ft.



Last Observed Sample: 05/15/2015 13:18 (ChST)
Barometric Pressure: 997.5 mb

Typhoon DOLPHIN QuickLook, POSTED 14:00 ChST 05/15/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	05/15/2015 13:18 (ChST)	0.48 ft	-1.05 ft	1.53 ft	1.92 ft
1630000	Apra Harbor, Guam	05/15/2015 13:18 (ChST)	-0.96 ft	-1.77 ft	0.81 ft	0.74 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce